
ISDN QSIG Generic Functional Transport

This feature provides a generic transport platform that will support QSIG compliant supplementary services and ISDN networking applications on a Private Integrated Services Digital Network (PISN), in accordance with the International Standards Organization (ISO).

ISDN QSIG GF Transport is supported on the following interfaces with the D-channel configured as International Standards Organization (ISO QSIG):

- ISDN 1.5 Mbps Primary Rate Interface (PRI), and
- ISDN Signaling Link (ISL).

Operating parameters

ISDN QSIG GF Transport platform is supported on Meridian 1 Options 11C, 51C, 61C, 81 and 81C system types.

DN address translation requires the association with a customer number. For PRI, a prompt creates a customer number association with a given D-channel.

Feature interactions

There are no interactions with other features.

Feature packaging

ISDN QSIG GF Transport (QSIGGF) is package 305.

QSIG on 1.5 Mbps ISDN PRI interface requires the following packages:

- QSIG Interface (QSIG) package 263;
- QSIG GF Transport (QSIGGF) package 305;
- Integrated Services Digital Network (ISDN) package 145;

- 1.5 Mbps Primary Rate Access (PRA) package 146; and
- Multi-purpose Serial Data Link (MSDL) package 222.

ISDN Signaling Link (ISL) interface requires the following packages:

- QSIG Interface (QSIG) package 263; and
- QSIG GF Transport (QSSIGF) package 295;
- Integrated Service Digital Network Signaling Link (ISL) package 147; and
- Multi-purpose Serial Data Link (MSDL) package 222.

For ISL shared mode:

- Integrated Services Digital Network (ISDN) package 145; and
- 1.5 Mbps Primary Rate Access (PRA) package 146.

Feature implementation

LD 16 – Configure Automatic Trunk Maintenance in Route Data Block.

Prompt	Response	Description
REQ	NEW, CHG	New, or change.
TYPE	RBD	Route Data Block.
...		
DGTP	PRI	Digital Route type.
IFC	ISGF	ISGF = ISO QSIG interface with GF platform. The ISIG prompt can be entered if both QSIG and QSIGGF packages are included.

LD 17 – Configuration Record.

Prompt	Response	Description
REQ	CHG	Change.
TYPE	ADAN	Action Device and Number.
ADAN	aaa aaa x	Add, Move or Change Input/Output Device
...		
- IFC	ISGF	ISGF = ISO QSIG interface with GF platform.
PINX_CUST	0-99	Customer number.
ISDN_MCNT	60-(300)-350	Layer 3 call control message count five per second time interval.

Feature operation

No specific operating procedures are required to use this feature.